

### ABSTRACT

The invention relates to a furnace (22) for heating a preform (10), which comprises an upper longitudinal heating tunnel (24) bounded transversely by the longitudinal vertical internal faces (36, 38) of two walls (40, 42), one wall (40), being equipped with a heating system (46), and the other wall (42), having aeration orifices (50) intended to let the air blown by a blower (52) pass transversely through them, and in which one portion (16) of the preform (10) is held outside the heating tunnel (24), a blower (52) blowing air transversely towards said portion (16) of the preform (10) so as to keep the constituent material of this portion (16) of the preform (10) at a temperature below its softening point, characterized in that the blower (52) comprises two independent fans (54a, 54b) that deliver air to the aerated wall (42) and to said portion (16) of the preform (10), respectively.

Figure 3.